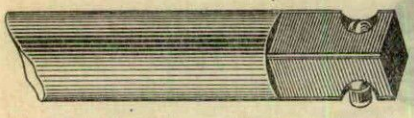
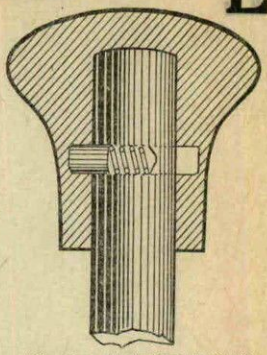
VARCO SUPERIOR SOCKET WRENCHES

Pat. No. 1422067



Showing Spring Tension Screw and Squared end of Handle.

Showing Patented Spring Tension Set Screw.



The above illustration shows the solid steel button with groove and hardened steel pin and spring.

Construction—An entirely new departure is the interchangeability of Varco sockets to the handle. The advantage of this feature is evident as it allows the user the full range of a complete set without the necessity of buying a different handle for each size socket. Sockets which are worn can easily be removed from the handle. **No Necessity of Throwing Away Handle**—Simply change socket. Fastened to handle by means of a most simple and at the same time ingenious arrangement, the sockets fit to the handle as if made of one piece, and can only be removed if so intended. This can be done in a moments time with an ordinary screw driver.

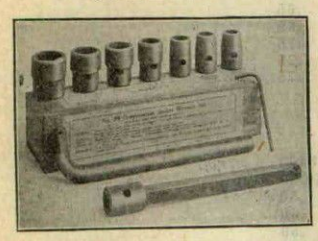
Heat Treatment—The object of the modern hardening and tempering process is to create a structure within the material which will resist deformation to the highest degree, and it is in the hands of the skillful hardener to determine the proper heats and duration to which a material has to be subjected in order to arrive at its maximum strength and toughness.

Accuracy—The difference of Varco tools, however, does not confine itself to the physical make-up only, they are not stamped or pressed of tubing or pipe, but broached into solid material of superior quality.

Handle—The handles consist of heavy material, ⅝-inch diameter, which allows a liberal offset, and consequently proportionate tightening power, without precipitating a twisting or breaking off. "SNAP ON" and "RIGID FIT" ARRANGEMENT is patented, and fastens the socket to the handle. The socket is slipped on the squared end. The button of the set screw which is under spring tension will prevent the socket from coming off. Should it be desirable to fasten the socket solidly to the handle, a slight turn with an ordinary screw driver will do this, and the socket will be locked as if welded on. Our SWIVEL BUTTON is made from one solid piece of steel, and it is fastened in such a way that it cannot possibly come off.

Interchangeability—The above described feature of interchangeability makes it possible to sell any combination of handles and sockets without the necessity of carrying a large stock, a fact which is certainly appreciated by any merchant. The stock required for wrenches whose sockets and handles are either made of one piece or fastened solidly together is many times larger, whereas a moderate stock of Varco socket wrenches is sufficient for any combination.

COMBINATION



This is a small yet very useful set; takes up very little space and is easily carried; sockets fit and cover practically any nut in an automobile.

Contents

One 8 in. Offset Handle; ⅝ in. diameter, No. 371.

One 8 in. Extension, No. 450

One Screw Driver.

Seven Hexagon Broached Steel Sockets, heat treated, thin walls yet of extreme strength and toughness. Patented rigid fit of sockets to handle.

Sizes 5-16 in. screw size to 3-4 in. screw size, incl. S. A. E. St. and corresp. U. S. St. sizes.

Openings. 1-2 in., 9-16 in., 5-8 in., 3-4 in., 7-8 in., 15-16 in., 1 1-16 in.

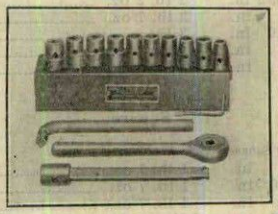
Note. Sockets are broached 1-64 inch larger than above dimensions.

Finish. Handle and extension beautiful black glossy oil finish. Sockets tempering color. Rust-proof.

Packing. Substantial wood box.

NO.	Wt. Each	SET
100	4 lb.	$5.00

GENERAL SERVICE SET



This general service set is made to meet the demand for an inexpensive ratchet socket set.

Contents

One 8 in. Offset Heavy Duty Hdle., ⅝-inch dia., No. 371

One 8 in., Extension, No. 451

One Heavy Duty Ratchet Wrench No. 500

One Screw Driver.

Ten Hex. Broached steel sockets, heat treated, thin walls, yet of extreme strength and toughness. Patented rigid fit of sockets to handle.

Sizes ¼ In., screw size to 9-16 in., screw size including S.A.E, U.S. Std., sizes.

Openings 7-16 in., ½ in., 9-16 in., 19-32 in., ⅝ in., 11-16 in., ¾ in., 25-32 in., 13-16 in., ⅞ in.

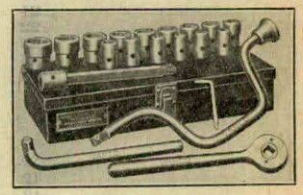
Note Sockets are broached 1-64-in., larger than the above dimensions.

Finish Handle and extension beautiful black glossy oil finish. Sockets and ratchet temper color. Rust proof.

Packing Substantial steel box.

NO.	Wt. Each	EACH
105	5¾ lb.	$9.00

SPEED WRENCH SET



Contents

One Speed Wrench Handle, ⅝ in., diameter, 4 in., shank.

One Offset Wrench Handle, No.371

One Extension 12 in., long, No.451

One Screw Driver.

One Heavy Duty Ratchet Wrench, No. 500.

Fifteen Hexagon Broached Steel Sockets, heat treated, thin walls, yet of extreme strength and toughness. Easily interchangeable. Patented rigid taper fit of sockets to handle.

Sizes. 5-16 in. screw size to 7-8 in. screw size incl. S. A. E. St.; 1-4 in. screw size including cap screw size. U.S.S. and S.A.E. Standard.

U. S. St.; 5-16 in. screw size to 1 in. screw size incl. cap screw size.

Openings. 1-2 in., 9-16 in., 19-32 in., 5-8 in., 11-16 in., 3-4 in., 25-32 in., 13-16 in., 7-8 in., 15-16 in., 31-32 in., 1 in., 1 1-16 in., 1 1-8 in., 1 1-4 inch.

Note. Sockets are broached 1-64 in. larger than above dimensions.

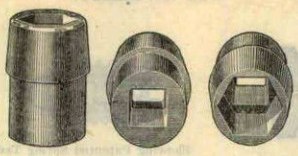
Finish. Handles and Extensions beautiful black glossy oil finish. Sockets tempering color. Rust-proof.

Packing. Substantial steel box.

NO.	Wt. Each	SET
110	12½ lb.	$14.50

L

VARCO SUPERIOR SOCKET WRENCHES



Varco sockets are made from solid bar steel turned on automatics and broached to the proper size. They are subjected in special furnaces to the required heat treating and are absolutely guaranteed. Made to fit on the wrenches on the opposite page.

Hexagon

NO.	Size Hex.	Wt. Box	EACH
10	7-16 in.	1 lb. 2 oz.	$0.50
11	1-2 in.	1 lb. 2 oz.	.50
12	9-16 in.	1 lb. 2 oz.	.50
13	19-32 in.	1 lb. 2 oz.	.50
14	5-8 in.	1 lb. 2 oz.	.50
15	11-16 in.	1 lb. 6 oz.	.50
16	3-4 in.	1 lb. 6 oz.	.50
17	25-32 in.	1 lb. 7 oz.	.50
18	13-16 in.	1 lb. 7 oz.	.50
19	7-8 in.	1 lb. 13 oz.	.50
20	15-16 in.	2 lb. 1 oz.	.65
21	31-32 in.	2 lb. 3 oz.	.65
22	1 in.	2 lb. 7 oz.	.65
23	1 1-16 in.	3 lb.	.75
24	1 1-8 in.	3 lb. 3 oz.	.75
25	1 1-4 in.	3 lb. 8 oz.	.75

Square

NO.	Size Square	Wt. Box	EACH
42	3-8 in.	1 lb. 7 oz.	$0.50
43	7-16 in.	1 lb. 7 oz.	.50
44	1-2 in.	1 lb. 7 oz.	.50
45	9-16 in.	1 lb. 10 oz.	.50
46	5-8 in.	1 lb. 10 oz.	.50
47	11-16 in.	1 lb. 12 oz.	.65
48	3-4 in.	2 lb. 5 oz.	.65
49	7-8 in.	3 lb. 3 oz.	.65
50	1 in.	3 lb. 8 oz.	.75

Table of Socket Dimensions with Bolt and Screw Size

Hexagon					Square			
Bolt or Screw Size	S.A.E.Standard Dia. of Nut and Bolt Head, Measured Across Flat	U.S.Standard Dia. of Nut and Bolt Head, Measured Across Flat	S.A.E.Standard Diam. of Cap Screw Head, Measured Across Flat	U.S.Standard Diam. of Cap Measured Across Flat Screw Head,	Diameter of Bolt and Screw Size	U.S.Standard Square Nut Measured Across Flat	Square Head Cap Screws, Measured Across Flat	Square Head Set Screws, Measured Across Flat
1-4 in.	7-16 in.	1-2 in.	7-16 in.	7-16 in.				
5-16 in.	1-2 in.	19-32 in.	1-2 in.	1-2 in.				
3-8 in.	9-16 in.	11-16 in.	9-16 in.	9-16 in.				
7-16 in.	5-8 in.	25-32 in.	5-8 in.	5-8 in.	1-4 in.	1-2 in.	3-8 in.	1-4 in.
1-2 in.	3-4 in.	7-8 in.	3-4 in.	3-4 in.	5-16 in.	5-8 in.	7-16 in.	5-16 in.
9-16 in.	7-8 in.	31-32 in.	7-8 in.	13-16 in.	3-8 in.	11-16 in.	1-2 in.	3-8 in.
5-8 in.	15-16 in.	1 1-16 in.	15-16 in.	7-8 in.	7-16 in.	3-4 in.	9-16 in.	7-16 in.
11-16 in.	1 in.	1 5-32 in.	1 in.	.....	1-2 in.	7-8 in.	5-8 in.	1-2 in.
3-4 in.	1 1-16 in.	1 1-4 in.	1 1-16 in.	1 in.	9-16 in.	1 in.	11-16 in.	9-16 in.
7-8 in.	1 1-4 in.	1 7-16 in.	.....	1 1-8 in.	5-8 in.	1 1-16 in.	3-4 in.	5-8 in.
1 in.	1 7-16 in.	1 5-8 in.	.....	1 1-4 in.	3-4 in.	1 1-16 in.	7-8 in.	3-4 in.

ALL SIZES PACKED SIX IN A BOX

VARCO SERVICE WRENCHES

SPEEDER

Heavy duty speed wrench handle, ⅝-inch diameter; glossy finish; rust proof.

NO.	Lgth. Shank	Wt. Each	EACH
350	4 in.	2 lb. 1 oz.	$1.30
351	6 in.	2 lb. 4 oz.	1.30
352	10 in.	2 lb. 10 oz.	1.45
353	12 in.	2 lb. 12 oz.	1.45
354	16 in.	3 lb. 3 oz.	1.40

OFFSET

Rust proof, black glossy oil finish Diameter 5/8-inch.

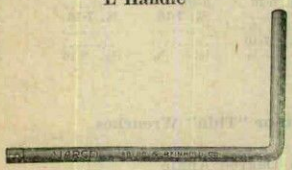
NO.	Lgth.	Wt. Each	EACH
370	6 in.	10 oz.	$0.90
371	8 in.	13 oz.	1.00
372	10 in.	15 oz.	1.00
373	12 in.	1 lb. 2 oz.	1.10

T Handle

Rust proof; black glossy oil finish; diameter ⅝ inch.

NO.	Lgth. Shank	Wt. Each	EACH
380	6 in.	1 lb. 3 oz.	$0.90
381	10 in.	1 lb. 8 oz.	1.00
382	12 in.	1 lb. 11 oz.	1.10

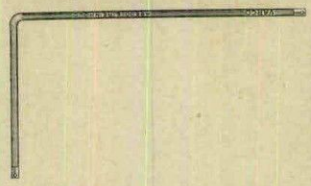
L Handle



⅝ inch diameter; black glossy oil finish; rust proof.

NO.	Lgth. Shank	Wt. Each	EACH
360	6 in.	15 oz.	$0.90
361	10 in.	1 lb. 4 oz.	1.00
362	12 in.	1 lb. 7 oz.	1.10

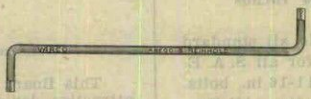
DOUBLE END L HANDLE



Diam., ⅝-inch. Rust-proof black glossy oil finish.

NO.	Lgth. Shank	Wt. Each	EACH
386	6x6 in.	1 lb.	$1.10
387	8x8 in.	1 lb. 6 oz.	1.20
388	4x9 in.	1 lb. 1 oz.	1.10
389	7x10 in.	1 lb. 7 oz.	1.20

DOUBLE END OFFSET HANDLE



Diam., ⅝-inch. Rust-proof, black glossy oil finish.

NO.	Lgth. Shank	Wt. Each	EACH
395	10 in.	1 lb. 1 oz.	$1.10

HUMP TYPE OFFSET WRENCH

Diam., ⅝-inch. Rust-proof, black glossy oil finish. When fitted with No. 15—1 1-16 in., Hexagon socket this wrench becomes the Ford flywheel cap screw wrench.

NO.	Length	Wt. Each	EACH
400	18 in.	1 lb. 4 oz.	$1.30

EXTENSION SQUARE

Black glossy oil finish, rust proof; diameter ½-inch. Square for use with sockets, handles and ratchet wrench.

NO.	Length	Wt. Each	EACH
450	8 in.	11 oz.	$1.10
451	12 in.	1 lb.	1.20

BIT SHANK

Bit Shank

Can be put in a regular bit brace in using sockets. ⅝-inch steel.

NO.	Length	Wt. Each	EACH
460	4 in.	4 oz.	$0.80
461	6 in.	7 oz.	.80
462	8 in.	10 oz.	.80

CONNECTION PLUG

This number is useful in connection with ratchet wrenches and universal joints where the room prohibits the use of a long extension.

NO.	Lgth.	Wt. Each	EACH
470	3 in.	2 oz.	$0.50

UNIVERSAL JOINT

Made from solid bar steel and finished in the standard finish. Working range 45 degrees. Useful when used in connection with the different handldes, extension and ratchet handles.

NO.	Wt. Each	EACH
480	9 oz.	$1.45

VARCO RATCHET WRENCHES

Very serviceable ratchet wrenches, constructed entirely of high grade steels, heat treated and hardened; forged handle and will stand enormous tension; 32 teeth in ratchet, or more than twice as many as in most tools, insuring service in the tightest places; parts interchangeable.

NO.	Opening	Length	Wt. Each	EACH
700	½ in.sq.	9¼ in.	1lb 4 oz.	$3.00

ALL NOS. BUT RATCHET WRENCHES PACKED SIX IN A BOX
RATCHET WRENCHES PACKED ONE IN A BOX.